

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	3478	(Ru or Ruthenium) near4 electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:42
L10	234120	(heat\$4 or anneal\$4) near4 (substrate wafer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:42
L11	696293	capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:42
L12	758139	(bottom or lower) near4 (electrode plate capacitor metal conductive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:42
L13	286762	precursor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:42
L14	829471	(oxidize or oxidized or oxidizing or oxidation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:42
L15	118	L9 and L10 and L11 and L12 and L13 and L14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:42
L16	66	L15 and ((@ad<"20010131") or (@rlad<"20010131"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:46
L17	2261	pre-heat\$4 near8 (substrate wafer holder carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:49

## EAST Search History

L18	1	17 same ruthenium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:49
L19	69	17 and ruthenium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 10:49
L20	30	19 and capacitor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:05
L21	277	ruthenium near8 (bottom near electrode)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:05
L22	8355	oxidation near gas	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:05
L23	2	21 and 22	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:10
L24	70	precursor with (oxidation near gas)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:10
L25	4	24 and capacitor and ruthenium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:16
L26	2	("6617248").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/26 11:16
L27	6	("20010043453"   "20020037630"   "5852307"   "6037206"   "6278152"   "6284587").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/26 11:20

## EAST Search History

L28	859829	(bottom or lower) near4 (plate electrode conductor conductive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:45
L29	72058	28 and capacitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:45
L30	3742	29 and precursor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:45
L31	1990	30 and oxidation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:45
L32	936	31 and 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:45
L33	539	32 and ((@ad<"20010131") or (@rlad<"20010131"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:48
L35	162	33 and ruthenium	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/26 11:48